

AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION:

Please amend the paragraph beginning on page 10, line 10, as follows:

Fig. 1(a) is a block diagram showing an example of a network, Fig. 1(b) is a block diagram showing a case that a new terminal participates in the network of Fig. 1(a), and Fig. 1(c) is a block diagram showing a network constructed by reconfiguring the network of Fig. 1(b) in accordance with the present invention;[[.]]

Please amend the paragraph beginning on page 10, line 16, as follows:

Fig. 2 is a block diagram schematically illustrating a terminal constituting a network of an embodiment of the present invention;[[.]]

Please amend the paragraph beginning on page 10, line 19, as follows:

Fig. 3 is a state transition diagram showing the transition of the operating state of the terminal;[[.]]

Please amend the paragraph beginning on page 10, line 21, as follows:

Fig. 4 is a flow chart showing the steps carried out when the terminal is in an idle state;i[[.]]

Please amend the paragraph beginning on page 10, line 23, as follows:

Fig. 5 is a flow chart showing the steps carried out when the terminal is in a detection information receiving state;i[[.]]

Please amend the paragraph beginning on page 11, line 1, as follows:

Fig. 6 is a flow chart showing the steps carried out when the terminal is in a cyclic detection state;i[[.]]

Please amend the paragraph beginning on page 11, line 3, as follows:

Fig. 7 is a flow chart showing the steps carried out when the terminal is in a detection information sending state;i[[.]]

Please amend the paragraph beginning on page 11, line 6, as follows:

Fig. 8 is a block diagram illustrating an example of a network of the embodiment;i[[.]]

Please amend the paragraph beginning on page 11, line 8, as follows:

Fig. 9 shows detection results of respective terminals of the network, in a tabular form;[[.]]

Please amend the paragraph beginning on page 11, line 10, as follows:

Each of Figs. 10(a) and 10(b) shows the result of an examination with reference to the sets of detection information, which is carried out for figuring out the minimum number of master terminals for realizing intercommunication between all terminals on the network, and the names of these master terminals. Fig. 10(a) shows a case that only one master terminal is provided, while Fig. 10(b) shows a case that two master terminals are provided;[[.]]

Please amend the paragraph beginning on page 11, line 19, as follows:

Fig. 11 is a block diagram illustrating network control carried out in a terminal of a network in accordance with another embodiment of the present invention;[[.]]

Please amend the paragraph beginning on page 11, line 23, as follows:

Fig. 12 is a flow chart showing the steps carried out in a control process unit of the terminal;i[[.]]

Please amend the paragraph beginning on page 11, line 25, as follows:

Fig. 13 is a flow chart showing the steps carried out in a detection unit of the terminal;i[[.]]

Please amend the paragraph beginning on page 12, line 2, as follows:

Fig. 14 is a flow chart showing the steps carried out in a memory storage unit of the terminal;i[[.]]

Please amend the paragraph beginning on page 12, line 4, as follows:

Fig. 15 is a flow chart showing the steps carried out in a communication process unit of the terminal;i[[.]]

Please amend the paragraph beginning on page 12, line 6, as follows:

Fig. 16 is a flow chart showing the steps carried out in a notification process unit of the terminal;i[[.]]

Please amend the paragraph beginning on page 12, line 8, as follows:

Fig. 17 shows another example of detection information in a tabular form; [[.]]

Please amend the paragraph beginning on page 12, line 10, as follows:

Figs. 18(a) and 18(b) are block diagrams for explaining how the limited reach of radio waves hinders the construction of a network; and [[.]]